

AMENDMENTS TO THE CLAIMS

Please replace all previous versions of the claims with the following listing:

1. (Currently Amended) A water purification device comprising:
a fluid pump[[],];
a diaphragm unit having a diaphragm, which separates a primary side from a secondary side[[],]; and
a consumer having a pressure requirement[[],];
wherein the fluid pump [[being]]is connected with the primary side and the consumer [[being]]is connected with the secondary side, wherein-and the fluid pump supplies the pressure [[(P2)]] for the consumer through the diaphragm;
wherein the primary side is connected with a pressure control device, which controls the pressure on the primary side in dependence on the pressure on the secondary side;
wherein the pressure control device includes a control valve, which is connected to the diaphragm unit; and
wherein the control valve has a valve element, the valve element being acted upon by the pressure on the primary side in either an opening or a closing direction, and by the pressure on the secondary side in the other of the opening or the closing direction.
2. (Currently Amended) [[A]]The device according to claim 1, wherein the water purification device further includes a control device-is provided, which [[sets]]controls a pressure drop across the diaphragm-at a predetermined value.
3. (Currently Amended) [[A]]The device according to claim 1, wherein the primary side is connected with a pressure control device, which controls the pressure (P1) on the primary side in dependence of the pressure (P2) on the secondary side, and the consumer has a pressure inlet, which is connected to the secondary side.

4. (Currently Amended) ~~[[A]]The~~ device according to claim ~~[[3]]1~~, wherein the ~~pressure control device has a control valve, which~~ is arranged in a connection line between the fluid pump and the diaphragm unit.
5. (Currently Amended) ~~[[A]]The~~ device according to claim ~~[[4]]1~~, wherein the ~~control valve has a valve element, which~~ is acted upon in the opening direction by the pressure ~~[[P2]]~~ on the secondary side and in the closing direction by the pressure ~~[[P1]]~~ on the primary side.
6. (Currently Amended) ~~[[A]]The~~ device according to claim 1, wherein the primary side has a fluid outlet arrangement, in which is arranged an adjustable throttle.
7. (Currently Amended) ~~[[A]]The~~ device according to claim 6, wherein a shiftable valve is arranged in parallel with the throttle.
8. (Currently Amended) ~~A device according to claim 1,~~ A water purification device comprising:
 - a fluid pump;
 - a diaphragm unit having a diaphragm, which separates a primary side from a secondary side; and
 - a consumer having a pressure requirement;
 - wherein the fluid pump is connected with the primary side and the consumer is connected with the secondary side, and the fluid pump supplies the pressure for the consumer through the diaphragm; and
 - wherein ~~[[the]]~~a pressure control device controls the pressure ~~[[P1]]~~ on the primary side so that the pressure ~~[[P2]]~~ on the secondary side is in a range from 35 to 180 bar.

9. (Currently Amended) ~~A device according to claim 1,~~ A water purification device comprising:

a fluid pump;

a diaphragm unit having a diaphragm, which separates a primary side from a secondary side; and

a consumer having a pressure requirement;

wherein the fluid pump is connected with the primary side and the consumer is connected with the secondary side, and the fluid pump supplies the pressure for the consumer through the diaphragm; and

wherein ~~[[the]]~~a pressure control device controls the pressure ~~[[P1]]~~ on the primary side in dependence of the quality of the water to be purified.

10. (Currently Amended) ~~[[A]]~~The device according to claim 9, wherein the pressure control device sets a pressure difference across the diaphragm with drinking water in the range from 3 to 7 bar, with impurified water in the range from 7 to 30 bar and with saltwater in the range from 30 to 80 bar.

11. (Currently Amended) ~~[[A]]~~The device according to claim 1, wherein the consumer has a valve, which opens at a predetermined minimum pressure.

12. (New) The device according to claim 9, wherein the water purification device includes a sensor for detecting the quality of the water to be purified.